

## NATIONAL HIGHWAY SYSTEM TRAVEL - 2019

### DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - RURAL

September 30, 2020

(THOUSANDS)

HM-47A  
SHEET 1 OF 4

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)																			
	INTERSTATE SYSTEM										OTHER									
	NOT REPORTED (2)	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED	NOT REPORTED (2)	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED
Alabama	3	14,068	2,458	781	447	193	81	38	135	18,200	2	8,653	4,880	865	346	195	97	63	171	15,269
Alaska	3	961	802	279	143	77	31	17	16	2,327	56	276	343	78	56	37	22	17	28	857
Arizona	132	12,008	4,664	1,616	621	269	129	62	110	19,479	312	2,904	3,372	1,465	878	491	220	134	124	9,589
Arkansas	-	6,663	3,347	860	400	237	125	68	73	11,772	0	2,452	4,878	1,777	1,026	570	235	131	99	11,169
California	46	20,322	13,748	5,937	3,330	1,608	891	409	788	47,034	277	11,504	18,901	7,127	3,759	2,039	953	521	517	45,321
Colorado	-	2,720	6,196	2,586	914	528	321	156	100	13,521	0	2,735	5,610	2,536	1,242	552	223	107	97	13,101
Connecticut	-	854	313	105	35	11	7	9	8	1,343	-	481	897	331	186	82	51	21	13	2,063
Delaware	-	-	-	-	-	-	-	-	-	-	56	618	1,569	490	197	76	23	25	3	3,001
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	17	25,231	4,545	342	213	115	73	23	33	30,575	23	15,110	11,812	2,027	719	298	91	61	78	30,197
Georgia	-	10,653	8,434	1,884	669	267	171	67	84	22,229	-	7,229	9,239	2,467	926	313	96	54	49	20,373
Hawaii	-	-	-	-	-	-	-	-	-	-	-	31	321	227	146	91	58	40	51	966
Idaho	5	4,958	2,015	347	169	81	28	11	23	7,633	389	2,667	2,585	659	269	120	57	28	20	6,406
Illinois	-	14,874	7,320	1,970	734	451	189	107	122	25,768	3	1,811	4,296	1,983	1,206	747	398	222	243	10,905
Indiana	14	8,384	8,186	2,426	1,642	603	406	231	351	22,228	4	5,318	5,566	2,169	1,120	525	195	81	78	15,052
Iowa	19	6,837	5,283	1,388	486	156	60	28	37	14,273	192	3,982	6,430	3,389	1,776	840	366	204	200	17,188
Kansas	6	5,972	2,857	844	284	103	55	22	11	10,148	1	6,820	4,271	848	340	205	109	49	36	12,678
Kentucky	1	16,617	3,913	1,105	602	542	180	38	86	23,084	7	6,017	5,312	1,558	762	282	116	55	45	14,146
Louisiana	328	7,890	4,543	2,856	1,860	942	352	125	73	18,641	72	767	3,061	1,468	840	533	333	181	282	7,467
Maine	-	4,197	1,166	294	151	67	54	16	14	5,958	18	1,714	1,697	609	359	247	149	124	233	5,133
Maryland	-	2,669	2,415	471	274	105	28	14	50	6,024	-	3,772	2,385	333	144	100	77	61	77	6,949
Massachusetts	-	1,501	505	143	75	55	25	13	19	2,334	0	458	1,023	408	234	107	66	33	49	2,379
Michigan	50	4,642	6,817	1,934	1,126	612	328	171	165	15,795	0	7,909	7,648	2,164	923	541	249	136	152	19,722
Minnesota	-	3,648	5,462	1,002	382	226	123	48	27	10,918	74	7,739	6,982	2,524	1,429	762	342	183	178	20,140
Mississippi	-	9,173	2,180	780	519	338	149	59	33	13,231	-	5,209	5,657	1,770	1,109	619	273	139	103	14,880
Missouri	-	14,311	4,014	647	254	149	76	31	12	19,493	-	11,935	8,138	1,724	703	289	129	71	56	23,044
Montana	-	4,049	2,389	433	191	105	32	15	26	7,239	-	2,349	3,289	838	367	173	70	43	76	7,204
Nebraska	-	3,492	3,316	763	243	132	67	23	20	8,057	169	2,946	3,530	1,297	626	405	218	118	162	9,302
Nevada	-	5,770	410	90	57	28	15	5	2	6,378	-	3,133	1,216	222	92	24	18	8	12	4,724
New Hampshire	-	2,540	360	63	33	14	2	2	-	3,014	-	1,921	1,257	339	184	84	66	49	54	3,954
New Jersey	-	1,434	1,568	179	144	32	13	15	5	3,390	-	848	1,280	377	255	183	86	68	120	3,217
New Mexico	-	8,425	2,670	843	433	242	85	68	107	12,872	-	3,279	3,428	872	450	227	105	67	77	8,505
New York	68	7,594	5,600	1,838	832	383	132	114	141	16,634	92	1,805	6,386	2,349	1,163	596	267	186	167	12,918
North Carolina	153	13,118	3,690	683	475	260	178	40	50	18,494	264	9,961	11,445	3,096	1,161	501	219	104	68	26,555
North Dakota	-	2,984	1,118	236	83	9	14	4	1	4,449	-	3,303	2,093	399	135	68	30	22	31	6,081
Ohio	-	14,233	6,596	1,796	882	529	220	100	157	24,511	0	7,088	7,262	2,264	1,011	410	166	92	85	18,378
Oklahoma	524	5,786	6,000	1,336	567	299	165	93	74	14,319	388	2,644	6,287	2,635	1,350	872	400	284	395	14,866
Oregon	-	6,462	3,634	733	230	81	26	18	13	11,197	-	3,772	5,368	1,435	567	265	109	45	38	11,600
Pennsylvania	-	14,644	9,192	2,933	1,424	767	346	226	237	29,769	-	4,452	7,828	2,405	1,179	628	344	230	267	17,334
Rhode Island	-	664	119	18	5	10	-	-	1	818	5	124	122	103	129	110	79	56	114	837
South Carolina	-	14,393	4,762	1,485	998	783	436	292	329	23,478	106	2,764	6,385	2,129	1,036	473	229	99	99	13,213
South Dakota	15	1,854	3,421	415	119	82	18	12	3	5,923	51	1,044	2,454	970	473	234	114	67	55	5,411
Tennessee	0	18,302	4,218	678	357	189	90	60	14	23,907	1	5,749	5,415	1,196	587	276	164	61	51	13,500
Texas	122	25,773	21,258	5,062	1,792	712	264	111	75	55,049	190	23,108	24,429	8,218	3,314	1,505	630	336	296	61,837
Utah	-	5,230	3,321	838	185	32	14	2	2	9,624	-	1,093	2,614	1,133	498	200	77	44	18	5,676
Vermont	7	2,215	978	146	57	42	12	0	2	3,453	7	721	776	201	104	40	35	14	31	1,923
Virginia	-	11,188	12,192	1,797	482	246	74	25	13	26,016	1	4,094	10,535	3,156	1,091	377	141	69	35	19,499
Washington	-	6,411	3,931	1,339	766	420	348	253	230	13,699	2	2,553	5,325	2,243	890	382	156	104	110	11,762
West Virginia	-	3,640	2,057	379	188	112	64	27	50	6,517	35	1,454	2,205	1,064	526	284	161	74	162	5,929
Wisconsin	-	6,894	5,883	1,992	1,198	650	188	117	82	17,005	17	4,822	6,376	5,338	2,790	1,398	761	360	298	22,142
Wyoming	-	4,975	1,742	460	193	68	40	13	10	7,500	-	1,535	2,075	596	269	100	35	17	25	4,653
U.S. Total	1,515	391,226	211,605	57,133	27,264	13,961	6,725	3,396	4,009	715,318	2,813	214,672	256,257	85,871	40,943	20,478	9,610	5,360	5,826	639,017
Puerto Rico	82	32	284	179	120	120	64	121	341	1,261	13	1	54	65	63	86	69	68	129	535
Grand Total	1,597	391,257	211,889	57,311	27,384	14,080	6,789	3,518	4,350	716,579	2,826	214,673	256,311	85,935	41,006	20,563	9,679	5,429	5,955	639,552

For footnotes, see Footnotes Page.

**NATIONAL HIGHWAY SYSTEM TRAVEL - 2019**  
**DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - RURAL**

HM-47A  
SHEET 2 OF 4

September 30, 2020

(THOUSANDS)

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)									
	TOTAL RURAL NHS									
	NOT REPORTED (2)	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED
Alabama	5	22,720	7,338	1,645	792	388	179	101	306	33,469
Alaska	59	1,237	1,145	357	199	114	53	34	44	3,184
Arizona	445	14,913	8,036	3,081	1,498	760	349	196	234	29,068
Arkansas	0	9,115	8,225	2,637	1,426	807	360	199	172	22,941
California	323	31,826	32,649	13,064	7,090	3,648	1,844	930	1,305	92,355
Colorado	0	5,455	11,806	5,121	2,156	1,079	544	263	197	26,622
Connecticut	-	1,335	1,210	436	221	94	58	30	21	3,406
Delaware	56	618	1,569	490	197	76	23	25	3	3,001
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	40	40,341	16,357	2,369	932	413	164	85	111	60,772
Georgia	-	17,882	17,673	4,351	1,595	580	267	121	133	42,602
Hawaii	-	31	321	227	146	91	58	40	51	966
Idaho	394	7,625	4,601	1,006	439	202	84	39	43	14,038
Illinois	3	16,685	11,616	3,954	1,940	1,198	587	329	365	36,672
Indiana	18	13,702	13,752	4,596	2,762	1,128	601	311	429	37,280
Iowa	211	10,819	11,713	4,777	2,261	996	426	231	237	31,461
Kansas	6	12,792	7,128	1,691	624	309	164	71	47	22,826
Kentucky	8	22,634	9,224	2,663	1,364	824	295	94	131	37,230
Louisiana	401	8,658	7,604	4,324	2,700	1,476	686	306	354	26,108
Maine	18	5,912	2,863	902	510	314	203	140	247	11,092
Maryland	-	6,441	4,800	803	418	204	105	75	127	12,973
Massachusetts	0	1,959	1,528	551	309	161	91	46	67	4,713
Michigan	50	12,551	14,465	4,098	2,050	1,153	577	308	317	35,517
Minnesota	74	11,388	12,444	3,526	1,811	988	465	231	205	31,058
Mississippi	-	14,383	7,837	2,550	1,628	958	421	198	135	28,111
Missouri	-	26,245	12,153	2,371	957	438	205	101	68	42,538
Montana	-	6,398	5,678	1,271	557	277	102	58	101	14,443
Nebraska	169	6,438	6,846	2,060	869	537	285	142	181	17,359
Nevada	-	8,903	1,626	312	149	52	33	13	14	11,102
New Hampshire	-	4,460	1,617	402	217	98	68	51	54	6,968
New Jersey	-	2,282	2,848	557	399	215	99	83	125	6,607
New Mexico	-	11,704	6,098	1,714	883	469	190	135	184	21,377
New York	160	9,398	11,986	4,187	1,995	979	399	300	308	29,552
North Carolina	417	23,079	15,135	3,779	1,636	761	397	144	119	45,049
North Dakota	-	6,287	3,211	635	218	77	44	26	32	10,530
Ohio	0	21,321	13,858	4,060	1,893	938	386	192	241	42,889
Oklahoma	912	8,429	12,287	3,971	1,917	1,170	565	377	468	29,185
Oregon	-	10,234	9,002	2,168	797	346	136	63	51	22,797
Pennsylvania	-	19,096	17,020	5,339	2,603	1,395	690	456	504	47,104
Rhode Island	5	788	242	121	134	120	79	56	115	1,654
South Carolina	106	17,158	11,146	3,615	2,034	1,256	665	390	428	36,691
South Dakota	66	2,898	5,876	1,385	591	316	132	79	57	11,334
Tennessee	1	24,051	9,633	1,874	944	465	255	120	65	37,408
Texas	311	48,882	45,687	13,280	5,106	2,218	894	447	372	116,886
Utah	-	6,322	5,934	1,971	683	233	91	46	19	15,299
Vermont	15	2,937	1,754	347	161	82	48	14	33	5,376
Virginia	1	15,282	22,727	4,953	1,573	622	216	94	48	45,515
Washington	2	8,965	9,256	3,582	1,656	802	505	356	339	25,461
West Virginia	35	5,094	4,262	1,442	714	396	225	101	212	12,447
Wisconsin	17	11,716	12,259	7,330	3,988	2,048	949	477	379	39,146
Wyoming	-	6,510	3,816	1,056	462	168	75	31	35	12,153
U.S. Total	4,328	605,897	467,862	143,003	68,206	34,438	16,335	8,757	9,836	1,354,335
Puerto Rico	94	33	337	243	183	205	134	190	470	1,796
Grand Total	4,422	605,931	468,200	143,247	68,390	34,644	16,469	8,946	10,306	1,356,131

For footnotes, see Footnotes Page.

**NATIONAL HIGHWAY SYSTEM TRAVEL - 2019**  
**DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - URBAN**

HM-47A  
SHEET 3 OF 4

September 30, 2020

(THOUSANDS)

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)																			
	INTERSTATE SYSTEM										OTHER									
	NOT REPORTED (2)	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL	NOT REPORTED (2)	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL
Alabama	27	14,972	4,069	1,868	1,477	1,132	669	499	915	25,601	422	9,669	10,083	2,806	1,521	834	510	405	1,127	26,955
Alaska	0	1,246	533	204	78	59	27	4	13	2,165	2	450	989	542	274	185	93	63	89	2,686
Arizona	543	10,969	6,832	2,077	954	407	183	35	166	21,622	2,044	10,872	11,099	4,778	3,670	2,543	1,520	1,072	1,065	36,620
Arkansas	-	5,102	4,771	2,247	1,467	743	494	334	335	15,494	3	895	3,871	2,365	1,487	1,232	747	568	673	11,839
California	860	38,598	68,849	37,768	25,974	15,501	8,526	4,379	4,880	204,475	6,800	33,787	70,843	45,764	38,219	29,836	21,859	18,123	45,953	304,384
Colorado	-	4,952	10,211	4,838	3,854	1,771	869	402	301	27,198	29	4,128	12,283	7,625	5,700	3,962	2,483	1,869	3,366	41,416
Connecticut	-	12,234	9,545	2,511	1,428	676	294	96	82	26,866	-	3,928	7,868	3,635	2,378	1,589	1,025	613	1,237	22,272
Delaware	227	791	1,358	827	436	128	151	93	88	3,871	58	1,042	3,585	1,805	806	454	262	155	299	8,409
District of Columbia	30	-	211	180	208	241	104	104	351	1,398	99	-	79	186	224	282	297	341	2,447	3,856
Florida	-	45,289	27,474	5,428	3,069	2,210	1,322	874	984	86,650	164	48,987	71,093	23,690	11,846	6,824	3,293	1,892	2,515	170,141
Georgia	-	42,082	16,192	5,529	2,904	1,437	967	328	381	69,821	-	17,895	24,376	9,079	4,551	2,544	1,366	797	1,190	61,798
Hawaii	-	90	1,189	926	1,132	1,022	593	328	383	5,664	16	493	1,228	1,088	1,110	940	641	479	1,394	7,373
Idaho	-	2,639	1,541	269	165	64	38	14	2	4,732	2,264	782	1,156	549	386	322	174	148	215	3,731
Illinois	230	16,504	28,760	7,882	5,188	3,487	2,411	1,366	1,543	66,942	305	2,919	13,431	11,421	9,175	6,921	4,533	3,709	7,576	59,684
Indiana	42	5,759	10,095	6,309	4,047	2,245	935	511	616	30,518	108	2,581	4,978	2,369	1,830	924	507	501	349	14,039
Iowa	231	3,467	3,178	927	484	299	108	60	80	8,604	162	1,047	2,627	2,234	1,589	1,096	702	565	1,160	11,020
Kansas	34	4,672	3,286	1,462	845	443	262	126	147	11,243	65	2,399	3,040	1,263	753	531	281	248	323	8,838
Kentucky	63	8,553	5,708	1,669	1,281	668	420	155	88	18,543	109	2,696	5,772	2,754	1,625	939	550	369	446	15,150
Louisiana	778	7,992	5,561	3,007	2,799	3,080	1,648	1,005	966	26,059	1,080	1,753	4,405	2,914	2,631	2,195	1,629	1,286	2,921	19,734
Maine	-	2,311	753	215	108	74	26	5	14	3,507	25	229	601	424	324	262	186	117	261	2,404
Maryland	11	17,237	15,977	4,068	2,211	1,393	676	663	1,214	43,438	148	10,976	16,143	6,031	3,915	2,782	2,034	1,622	4,396	47,898
Massachusetts	63	30,051	9,584	2,979	1,824	1,301	601	357	544	47,240	548	10,608	9,635	5,718	5,170	5,291	3,876	3,190	9,836	53,323
Michigan	59	9,253	21,970	6,879	3,747	2,658	1,758	1,062	1,179	48,507	615	5,772	17,972	11,317	8,262	6,197	4,412	3,597	8,044	65,574
Minnesota	13	5,572	10,413	3,847	2,132	1,267	786	266	428	24,711	296	6,170	9,872	3,829	1,909	1,190	601	446	676	24,694
Mississippi	-	7,596	2,064	718	684	544	256	91	79	12,031	-	2,781	5,002	2,482	1,704	1,189	777	545	1,219	15,699
Missouri	-	21,394	10,534	3,001	2,002	1,264	513	364	315	39,388	-	7,789	10,185	4,329	2,740	2,176	1,229	821	1,549	30,819
Montana	-	868	650	102	59	31	12	7	6	1,736	-	399	707	518	422	288	161	158	371	3,023
Nebraska	-	1,005	1,977	821	394	296	51	34	18	4,595	65	476	2,016	1,310	996	894	721	642	2,054	9,108
Nevada	-	3,748	3,991	2,294	1,733	688	235	112	24	12,825	-	4,413	3,707	2,323	1,852	1,034	480	309	456	14,574
New Hampshire	-	4,729	661	105	48	33	-	-	-	5,576	0	4,312	1,741	616	344	254	152	99	315	7,833
New Jersey	-	12,601	17,234	3,971	3,260	1,893	1,450	1,103	1,909	43,421	-	15,999	25,336	9,437	7,248	5,680	4,322	3,603	9,607	81,233
New Mexico	-	4,506	1,894	511	449	290	167	62	113	7,992	-	1,483	1,935	1,014	686	469	323	190	543	6,643
New York	1,148	10,014	21,044	9,980	5,253	3,502	2,229	1,566	3,770	57,358	2,712	3,118	21,123	16,764	13,296	11,338	8,453	7,195	17,887	99,175
North Carolina	171	28,127	18,060	6,097	2,635	1,272	576	286	183	57,236	430	10,420	18,370	9,930	6,331	3,631	1,873	1,198	1,765	53,519
North Dakota	-	517	642	179	87	30	10	2	-	1,466	2	257	574	455	385	247	179	118	233	2,450
Ohio	-	31,617	21,820	6,635	3,789	2,673	1,419	792	900	69,645	98	8,582	13,019	6,149	4,683	3,363	2,407	1,731	4,312	44,246
Oklahoma	965	3,244	5,847	2,267	1,271	892	592	453	361	14,928	349	2,242	4,632	2,271	1,466	981	686	407	518	13,204
Oregon	-	6,992	5,597	1,392	809	483	382	117	90	15,864	155	3,090	6,137	3,342	2,179	1,465	1,023	707	1,126	19,069
Pennsylvania	42	16,130	14,504	5,459	3,183	2,319	1,658	876	1,410	45,539	-	6,850	17,717	11,750	8,898	6,821	4,373	2,870	6,317	65,596
Rhode Island	-	2,719	1,390	429	240	150	103	31	43	5,106	331	929	1,045	821	780	855	671	584	1,589	7,274
South Carolina	-	12,228	5,810	1,808	980	432	228	90	387	21,963	287	2,245	8,483	5,554	3,915	2,687	1,361	877	1,144	26,265
South Dakota	1	304	1,224	388	160	79	45	20	0	2,220	71	58	324	294	205	206	204	131	123	1,544
Tennessee	2	26,062	10,690	3,577	1,713	626	350	200	291	43,509	95	12,789	14,994	5,780	4,019	2,369	1,532	1,114	2,166	44,763
Texas	190	30,912	54,688	26,945	16,936	9,234	3,709	1,591	878	144,892	4,865	24,300	60,684	36,367	26,084	17,904	10,947	7,598	15,795	199,679
Utah	-	4,455	10,800	4,029	2,094	1,219	391	130	70	23,187	-	3,070	6,060	3,268	1,811	1,126	543	337	509	16,723
Vermont	-	824	539	89	19	17	14	6	1	1,509	52	167	365	178	142	77	51	31	58	1,069
Virginia	110	12,528	21,568	6,867	2,730	1,553	812	253	149	46,461	18	5,053	16,113	10,005	7,066	5,151	2,925	2,039	2,078	50,430
Washington	-	12,963	11,139	4,296	2,116	1,613	886	558	499	34,069	191	6,347	12,325	6,736	5,215	3,921	2,621	2,052	4,427	43,644
West Virginia	2	5,101	2,641	725	490	337	233	91	163	9,780	358	777	2,104	1,130	621	456	245	182	600	6,116
Wisconsin	39	5,477	7,374	4,136	3,218	1,619	698	189	110	22,823	727	1,740	5,537	4,931	5,363	4,440	2,847	2,208	4,044	31,111
Wyoming	-	527	550	200	100	70	34	29	27	1,538	-	275	476	262	174	145	94	85	163	1,674
U.S. Total	5,883	557,526	522,991	200,736	124,265	75,465	40,922	22,123	27,496	1,571,523	26,169	#####	#####	302,200	#####	159,040	104,788	80,007	178,528	1,920,319
Puerto Rico	371	157	2,426	2,053	2,183	1,646	1,053	1,075	1,956	12,550	117	25	672	844	1,167	1,441	1,291	1,264	3,803	10,507
Grand Total	6,254	557,683	525,418	202,788	126,448	77,111	41,975	23,198	29,452	1,584,073	26,285	#####	#####	303,043	#####	160,481	106,079	81,271	182,330	1,930,826

For footnotes, see Footnotes Page.

**NATIONAL HIGHWAY SYSTEM TRAVEL - 2019**  
**DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS - URBAN**

September 30, 2020

(THOUSANDS)

HM-47A  
SHEET 4 OF 4

STATE	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)									
	TOTAL URBAN NHS									
	NOT REPORTED (2)	< 60	60-94	95-119	120-144	145-170	171-194	195-220	> 220	TOTAL REPORTED
Alabama	450	24,641	14,152	4,673	2,998	1,966	1,179	904	2,042	52,556
Alaska	2	1,697	1,522	746	352	244	120	67	102	4,850
Arizona	2,587	21,841	17,931	6,855	4,624	2,950	1,704	1,107	1,231	58,242
Arkansas	3	5,997	8,642	4,613	2,954	1,975	1,242	903	1,008	27,333
California	7,660	72,385	139,693	83,533	64,192	45,337	30,385	22,502	50,833	508,859
Colorado	29	9,080	22,495	12,463	9,554	5,732	3,352	2,271	3,667	68,613
Connecticut	-	16,162	17,413	6,145	3,806	2,264	1,319	710	1,319	49,138
Delaware	286	1,833	4,943	2,632	1,242	582	413	248	387	12,281
District of Columbia	129	-	289	365	432	523	401	445	2,798	5,254
Florida	164	94,276	98,567	29,118	14,915	9,033	4,615	2,766	3,499	256,790
Georgia	-	59,977	40,568	14,608	7,455	3,980	2,333	1,125	1,572	131,618
Hawaii	16	583	2,416	2,014	2,242	1,962	1,235	806	1,778	13,037
Idaho	2,264	3,421	2,698	818	551	385	212	162	217	8,464
Illinois	535	19,423	42,192	19,103	14,363	10,408	6,944	5,074	9,119	126,625
Indiana	150	8,340	15,073	8,678	5,878	3,170	1,442	1,012	965	44,557
Iowa	393	4,515	5,805	3,162	2,073	1,395	810	625	1,239	19,625
Kansas	99	7,070	6,326	2,725	1,598	974	544	374	470	20,081
Kentucky	173	11,249	11,480	4,423	2,906	1,607	970	524	534	33,692
Louisiana	1,859	9,745	9,966	5,921	5,430	5,276	3,277	2,292	3,887	45,793
Maine	25	2,540	1,354	639	432	337	211	123	274	5,911
Maryland	159	28,212	32,120	10,099	6,126	4,175	2,710	2,285	5,610	91,337
Massachusetts	611	40,659	19,219	8,696	6,994	6,592	4,477	3,547	10,380	100,563
Michigan	674	15,025	39,942	18,196	12,010	8,856	6,170	4,659	9,223	114,081
Minnesota	309	11,742	20,284	7,677	4,042	2,457	1,387	712	1,103	49,404
Mississippi	-	10,377	7,065	3,199	2,387	1,733	1,033	636	1,299	27,729
Missouri	-	29,183	20,720	7,330	4,742	3,440	1,743	1,185	1,864	70,207
Montana	-	1,267	1,357	621	481	319	173	165	376	4,758
Nebraska	65	1,481	3,993	2,131	1,390	1,189	772	676	2,072	13,704
Nevada	-	8,161	7,699	4,617	3,585	1,722	716	421	479	27,399
New Hampshire	0	9,040	2,402	721	392	287	152	99	315	13,408
New Jersey	-	28,600	42,571	13,408	10,508	7,573	5,772	4,706	11,516	124,654
New Mexico	-	5,989	3,829	1,525	1,135	759	490	253	656	14,635
New York	3,860	13,132	42,168	26,745	18,548	14,840	10,682	8,761	21,657	156,533
North Carolina	601	38,547	36,430	16,026	8,965	4,904	2,449	1,485	1,948	110,755
North Dakota	2	773	1,216	634	472	278	190	120	233	3,916
Ohio	98	40,199	34,838	12,784	8,473	6,035	3,826	2,523	5,212	113,891
Oklahoma	1,314	5,487	10,479	4,539	2,737	1,872	1,278	861	878	28,131
Oregon	155	10,082	11,734	4,734	2,988	1,948	1,405	825	1,217	34,933
Pennsylvania	42	22,980	32,221	17,210	12,081	9,141	6,031	3,746	7,727	111,136
Rhode Island	331	3,648	2,435	1,249	1,021	1,005	775	615	1,632	12,380
South Carolina	287	14,473	14,292	7,361	4,895	3,118	1,589	967	1,531	48,228
South Dakota	92	362	1,548	681	365	285	249	151	123	3,764
Tennessee	77	38,851	25,684	9,356	5,732	2,995	1,883	1,314	2,457	88,273
Texas	5,054	55,212	115,371	63,312	43,020	27,138	14,656	9,189	16,672	344,570
Utah	-	7,525	16,860	7,297	3,905	2,344	934	466	578	39,910
Vermont	52	991	904	267	161	93	65	37	60	2,578
Virginia	129	17,581	37,681	16,871	9,796	6,704	3,737	2,292	2,227	96,890
Washington	191	19,310	23,463	11,032	7,331	5,534	3,507	2,610	4,926	77,713
West Virginia	359	5,878	4,745	1,855	1,111	793	478	273	763	15,896
Wisconsin	766	7,217	12,912	9,067	8,582	6,060	3,545	2,398	4,155	53,933
Wyoming	-	801	1,027	463	274	215	129	113	190	3,212
U.S. Total	32,052	867,559	1,090,733	502,935	342,246	234,505	145,710	102,130	206,024	3,491,842
Puerto Rico	487	183	3,099	2,896	3,350	3,087	2,344	2,339	5,759	23,057
Grand Total	32,539	867,741	1,093,832	505,832	345,596	237,593	148,054	104,469	211,783	3,514,899

For footnotes, see Footnotes Page.

# **NATIONAL HIGHWAY SYSTEM TRAVEL - 2019**

## **DAILY TRAVEL BY MEASURED PAVEMENT ROUGHNESS**

HM-47A Footnotes Page:

- (1) Data are reported as the International Roughness Index (IRI) in inches per mile. Reference: World Bank Technical Paper Number 46, 1986. Lower IRI represents smoother riding roadways. To obtain a comprehensive assessment of pavement condition, additional measures of pavement distress are needed. Travel is in thousands.
- (2) May include sections entirely on structures and unpaved miles.